

Cover Story

OceanSun has worked on a 2MWp demonstrator with Statkraft at the Banja reservoir in Albania, featuring four rings, 0.5MWp each

5 World News

Federal Court orders \$119 million judgment against former Edenville Dam owner, operator; Rookwood Weir completes construction

8 Spotlight

IWP&DC chats with Justin Trudell, newly appointed President and CEO at FirstLight, to discuss new initiatives and plans going forward

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Construction

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Powering tomorrow
IWP&DC provides an update on a selection of hydropower and dam projects currently underway across the globe, detailing construction over the last 12 months

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At grass roots level

A recent seminar presented by the British Dam Society gave an insight into the use of vegetation as an engineering material, and explained how grass cover on embankment dams and levees can help improve resilience to deal with increasing stresses.

Training

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Fuelling the future
Initiatives from the NHA, IHA, and Drax aim to inspire and equip the next generation for a sustainable career in hydropower

heritage, Ocean Sun has developed a patented solution for a floating power system with solar panels mounted on a thin hydro elastic membrane

Flood management

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Dam good benefits
Leaky barriers are being used to complement hard engineering flood defences in the UK, while a new Egyptian study underscores the importance of effective dam locations for preventing flash floods and minimising loss of life.

Emerging technologies

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Transformational tech
Modular dam designs and artificial intelligence for fish tracking are some of the latest technological advances in the industry

Hydropower & other renewables

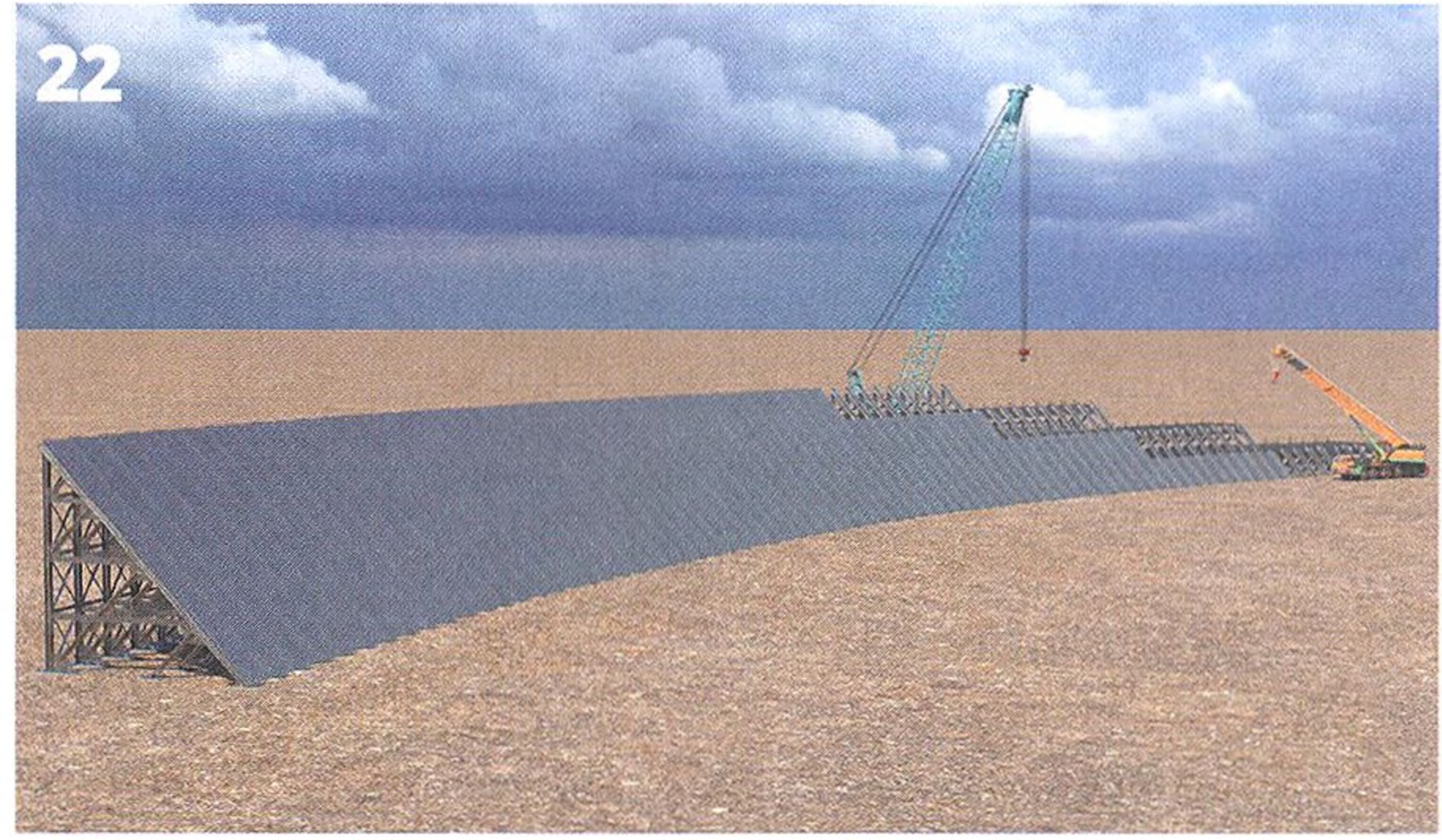
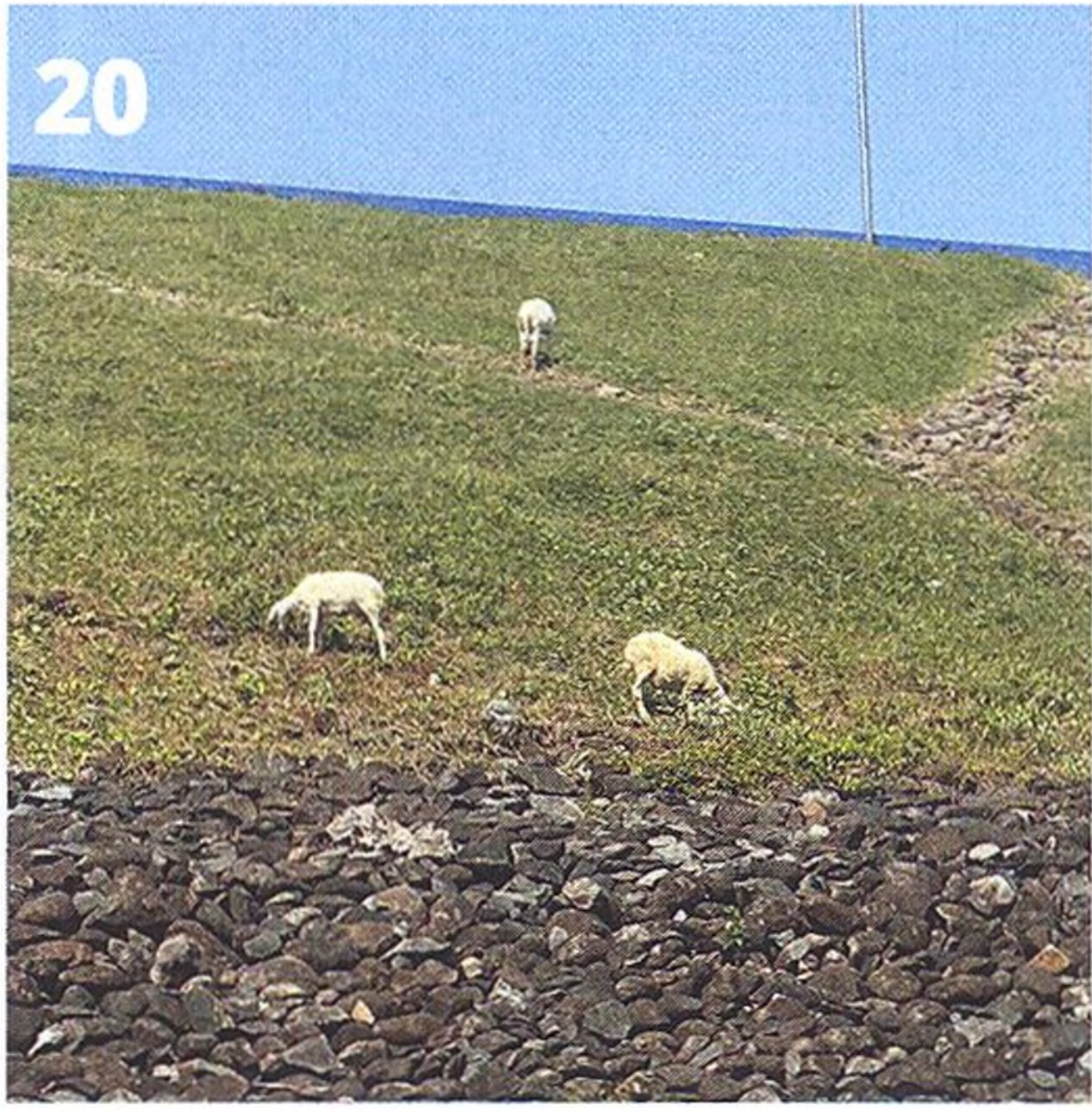
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Hydro partners up with hydrogen
National US laboratories have teamed up with Idaho Power to evaluate hydrogen generation integrated with hydropower

People

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People on the move
IWP&DC reports on recent appointments in the industry

Environment

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Whatever the weather
With more extreme weather events becoming the norm, it is paramount that the dams and hydro industry continue to future-proof infrastructure and counteract the impacts of climate change



Next issue

Spotlight on hydropower and dam developments in Asia; investment trends; maintenance and rehabilitation projects; modelling and design